DXpedition News

Libya - 5A DXPress reports that a group of well-known DXers will be active as **5AØDX** Nov. 17-Dec. 8. Frequencies given are: 3505, 7005, 14020, 21020, and 28020 kHz on CW, and 3790, 7090, 14190, 21190, and 28490 kHz on SSB. TU2JL says he is a member of the 5A team, and gave SSB frequencies of 14290, 21290, and 28390. QSL route to be announced.

Penguin Islands - ZS1 N7NG, OH2BH, OH2RF, and ZS6BCR will operate as **ZS9Z/ZS1** from this potential new DXCC country Nov. 27-Dec. 3. 1824, 3524, 7024, 14024, 21024, and 28024 kHz on CW, 1845, 3745, 7045, 14145, 21245, and 28445 kHz on SSB, and 90 kHz up on RTTY. 6-meter beacon frequency is 50.109 MHz. QSL cards and donations (much appreciated) go to Martti Laine OH2BH, Nuottaniementie 10-D-20, 02230 Espoo, Finland. Sunrise 0413Z, sunset 1720Z.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Namibia - V5 Before the Penguin Island operation, N7NG, OH2BH, and OH2RF will join V51DM and ZS9A to operate **V51Z** Nov. 23-26, including a multi-single effort in CQWW CW. See above frequencies.

Walvis Bay - ZS9 Following the Penguin Island operation, ZS6BCR and others of the group will operate as **ZS9Z** on the same frequencies, Dec. 4-8. QSL to Chris Burger ZS6BCR, Box 4485, Pretoria 0001, Republic of South Africa.

South Cook Islands - ZK1 Ken Holdon ZL2NBK will operate as **ZK1KH** from Rorotonga Nov. 28-Dec. 9, SSB only. Try 21177 and 28490 kHz. QSL to Box 56099, Tawa, Wellington, New Zealand, with US$1 (or IRCs) for return postage.

November 16, 1990 Issue 564

Reserve Your Island - CQWW CW

- The Southern California Contest Club is fielding two teams of five operators in the all-band, single-op category: **FR5DX** (N6AA), **ZPØY** (WN4KKN), **9Y4H** (K6NA) **EA9IE** (N6TR), **HC5Z** (N6ZZ), **HC8U** (WA6OTU), **D44BC** (W6NV), **VP2VCW** (N6CW), **ZD8Z** (N6TJ), and **AH3C** himself.
- Challenging these seasoned ops is young Juha Tuovinen OH1JT, who will be active as **CT3M** on 1835, 3505, 7005, 14025, 21025, and 28025. QSL to Box 552, Funchal 9007, Madeira Islands (via Portugal).
- The callsign of the Cayman Island multi-single operation will be **ZF2PR** (K1XM). Other members of the team are **ZF2PQ** (KQ1M), **ZF2PS** (K1KP), and **ZF2PT** (KM3T).
- **ED4CW** will be a multi-single entry from Madrid. All QSLs via the bureau to EA4CW, or direct to: Jose Ricardo Lopez, Box 28067, 28080 Madrid, Spain.

Shortly Noted

- **K9EL/VS6** will be on 40 and 80-meter CW 1130-1230Z.
- **T33X** was the callsign of Baldur DJ6SI on a very brief visit to Banaba Is. (See April 1990 *The DX Magazine* for Baldur's QSL procedure.) The **T33R/T** DXpeditions continues.
- **WZ6C/ST4** has returned to the US. QSL W4FRU.
- **ZF2PL/ZF8** is the Little Cayman Island call of Hans Nilsson SM3TLG, Dec. 17-28. Look for his CW signal on 21125 and 28125 kHz, and 6 meters. QSL home call.
- **6W1/JA8RWU** will be active Nov. 15-27, CW and SSB, 160-10 meters, including the new bands (Japan DX News.)
- **4S7/JA1OEM** will also be active Nov. 16-25, including the new bands, and 6 meters. (Japan DX News.)
- **The Colvins** apparently shut down as **C9QL** on Nov. 5, as scheduled. Possible next stops are 5R or D6. Look for a call ending in KG.
- **YJØARW** is Ron Wright ZL1AMO on Vanuatu. Try 26-29 kHz up on CW. QSL home call, direct only.
- **VU3** prefixes are being issued, and will soon be on HF.
- **FT5XH** and **FT5XA** end their one-year Kerguelen operation about Nov. 20. There are no hams in the replacement crew. However, **FT4YD** will be active from the French Antarctica base. (LNDX.)
- **TP5HA** from the Council of Europe will be on Nov. 16-18 on CW, and Nov. 23-25 on SSB. QSL to F6FSQ.
- **AH3C** departs Johnston Island Dec. 19. Meanwhile, Pete will be on all contests, especially 30 kHz up on CW. He'll look for Europe on 3798 and 3508 kHz at about 1730Z Sundays, except during CQWW CW.
- **Islands On The Air**: A **Dauphin Island (NA-82)** operation by the Mobile (AL) ARC is set for 17-2400Z Nov. 17. Try 3935, 7235, 15235, 21325, or 28325 kHz. QSL with a 9x12" SASE for certificate to the club at Box 9315, Mobile AL 36691. **Magdalena Island (NA-78)** will be active Nov. 18-20 by a multi-national group. The group goes to **Ballena Island (NA-124)** (a New One for IOTA) Nov. 22-25. Jim Kearman KR1S will operate "portable 4" from Tampa Bay Group (NA-34) Nov. 13, **Marco Island (NA-52)** and **Sanibel Island (NA-69)** Nov. 14-20, and **Bahamas (NA-01)** Nov. 22-26. QSL to home call (US stations with SASE, please.) **ZK1TW** is on **Palmerson Island (OC-124)**. Try the IOTA frequency of 14260 kHz at 05-08Z.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before			55 Days Before			
November 1990		Date	Flux	A K	Date	Flux	A	K
16	High Normal	10/20	200	19/20 3	09/22	192	22/20	4
17	High Normal	10/21	187	10/13 2	09/23	183	11/13	2
18	High Normal	10/22	169	10/10 2	09/24	176	14/16	2
19	High Normal	10/23	164	09/09 3	09/25	165	09/13	2
20	Low Normal	10/24	157	22/23 3	09/26	157	10/10	3
21	High Normal	10/25	163	10/10 3	09/27	150	09/11	1
22	High Normal	10/26	154	07/07 2	09/28	150	07/09	1
23	High Normal	10/27	164	06/08 2	09/29	149	05/07	1
24	High Normal	10/28	152	03/05 1	09/30	156	04/06	2
25	High Normal	10/29	156	07/08 3	10/01	158	03/05	1
26	High Normal	10/30	154	20/15 2	10/02	161	07/07	2
27	Low Normal	10/31	143	21/21 4	10/03	177	12/08	3

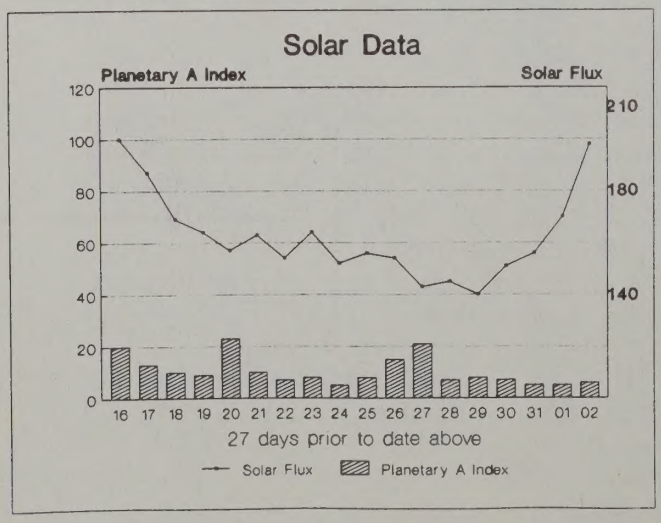
Propagation Watch

The bands continue to be excellent for DXing. Solar flux rose above 200 (to 215 on Nov. 8), before starting its 27.5-day slide down to the 150 range. The 90-day average solar flux hovers around 190-195. This level of solar activity provides excellent high-band openings.

10-17 meters open within an hour of local dawn, to the northeast. Signal strengths can be very high on 10 and 12 meters throughout the day. The maximum useable frequency (MUF) drops below 21 MHz soon after local sunset. The higher bands are quiet at night, except for some weak (but workable) long-path openings 2-5 hours after local sunset.

Fortunately, the geomagnetic field has been exceptionally quiet recently, a condition that favors low-band and polar propagation. The Boulder K index dropped to 0, and the A index was at 1 early in November. Anytime a DXer sees figures that low, he or she should check out 40, 80, and even 160 meters. The best low-band signals are associated with the terminator: the sunrise and sunset bands. At times, the path between sunrise on one end and sunset on the other end sounds like a pipeline. Use PacketCluster, terminator computer programs, or charts and books to determine these extremely valuable DX openings, so that you can make the most of the quiet geomagnetic field.

Some large, complex sunspots groups (6364, 6361, and 6358) will be on the western half of the visible solar disc this week, which means we stand a better-than-average chance of a solar flare disrupting propagation. Keep an ear on WWV and WWVH for the latest solar report, and schedule your DX hours to take advantage of current propagation.



Regulars

▪ **Ascension Island**	ZD8LII	21026	2100Z
▪ **Brazil**	PY1RO	1833	0230Z
▪ **China**	BY4RB	28024	0100Z
▪ **China**	BY4RB	15M CW	0045Z
▪ **Equatorial Guinea**	3C1EA	7005	0545Z
▪ **Hong Kong**	VS6CT	28492	2330Z
▪ **Iraq**	YI1BGD	10M SSB	13-1500Z
▪ **Jordan**	JY3ZH	10M SSB	1400Z
▪ **Kazakhstan**	UL7GDX	14021	1330Z
▪ **Kazakhstan**	UL7RER	14009	0300Z
▪ **Kirghizia**	UM8QDX	20M CW	0200Z
▪ **Marshall Islands**	V73AZ	1827	10-1100Z
▪ **Mauritius**	3B8CF	14256	0230Z
▪ **Nepal**	9N1MM	14178	0030Z
▪ **Reunion Island**	FR5FI	14007±	0230Z
▪ **Reunion Island**	FR5DX	3790	0145Z
▪ **Reunion Island**	FR5DD	20M CW	0130Z
▪ **Sri Lanka**	4S7CF	14004	0100Z
▪ **Sri Lanka**	4S7EA	14010	0000Z
▪ **Taiwan**	BV2TA	14013	1200Z
▪ **Uzbekistan**	UI8IK	14012	0145Z
▪ **Zimbabwe**	Z21CA	14035	0445Z

The DX Bulletin's Publishing Schedule

Important Note: The DX Bulletin is published 50 times per year. That means there are two weeks each year without issues of *The DX Bulletin*. This year, those weeks are **November 30**, and **December 28**. Issue 565 will be dated Nov. 23rd, and Issue 566 will be dated Dec. 7. Issue 570 will be dated Jan. 5, 1991. Please don't call to inquire about missing issues these weeks. Thanks.

DXCC Backlog Reduction

Barry Shelley at ARRL Hq. provides the first weekly progress report on reducing the DXCC application backlog:

	New Applications	Endorsements	Total
Backlog as of Oct. 29:	1,946	3,382	5,328
Received:	10	36	46
Processed:	(71)	(128)	(199)
Backlog as of Nov. 4:	1,885	3,290	5,175

A special project team of over 30 Headquarters staffers are committing some portion of their time each day to the processing. The project officially began on Oct. 31, so the above results do not represent a full week's production. Also, processing should speed up as staffers become more familiar with the system.

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AA6WJ, AB8K, AC5K, AH3C, AKØA, DXNS, DXPress, EA4CW, KØCVD, KØPP, K1HDO, K1XM, K2OLG, K3TW, K3ZPG, K4GLU, K4LNA, K7UOT, K8OQL, KA1BSZ, KA1NCN, KA1XN, KA3DBN, KG4O, KH6HBZ, KI6YB, KJ4BK, KM9J, KN7K, KØPP, KR1S, KR1S, LNDX, N1HN, N4MM, N6IBP, N6JQL, N6TJ, N7NG, N8AGU, OH2BH, VE1RJ, VE1YX, VE7COP, WØJRN, W1AM, W1BFT, W2GD, W4CVX, W4VQ, W6JOX, W6UQF, W7AWA, W8CT, W9DH, WA2MZX, WA2VKS, WA9AQE, WB8SFF, WB8YJF, WB8ZRL, WC6I, WN4KKN, WO6R, WZ6C, ZL2NBK, and NCDXC.

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Supplement

Guantanamo Bay - KG4

I have been asked by many Hams as to how they can take a DXpedition to Gitmo (Guantanamo Bay) or how to get to Gitmo to work a contest. What a lot of people don't realize is that Gitmo is a U.S. naval base that is located on the southeastern tip of Cuba. The largest active minefield in the world and a fence separates the base from communist Cuba. You just can't make a reservation to fly here. In fact, even if you are active duty U.S. military, you cannot just fly to Guantanamo Bay; you must have orders to come here or be sponsored by someone who is a resident of the base. Residents of the base can only sponsor a few people a year here to Guantanamo Bay, and most of the time the people they sponsor are relatives who stay with them in their house. We have an active club station here in Guantanamo Bay (KG4AN). The club is open to any active ham on the base, resident or visitor. So it is not impossible to come to Guantanamo Bay but almost. Another point is that the Guantanamo Bay callsigns are only KG4 2x2 calls. The FCC in the US has issued KG4 2x1 for some Extra Class stateside amateurs and we do get a lot of QSL's for them here and they are eventually forwarded to the K4 Bureau. In the past a record of forwarding addresses and the issuance of some callsigns prior to 1983 were not kept up-to-date and therefore some QSL's we cannot forward. I have updated what information I have to the U.S. Callbook which is in the 90 Supplement and hopefully in the 91 Callbook. Any other info desired for KG4's that are not listed in the Callbook can be sent to me at my personal box: Box 692 FPO NY NY 09593-0055. All QSL managers and QSL lists should correct their list. I do not have a QSL manager of WD8QCU. WD8QCU was disestablished as my manager in December 1989 and to date some Hams are still sending QSL's to that address. I have put in a change of address for that address but it will expire soon. Thank you and good luck.

(s) Douglas Donley KG4DD, Bureau Manager for KG4

CQWW CW Contest Summary

Contest Call	Operators	QSL Route	Issue
	Multi-Operator, Multi-Transmitter		
CN5N	MANY	FDXF	I563
J6DX	W8OK et al	W8UMD	I562
PJ9A	OH's	TBA	I558
	Multi-Operator, Single-Transmitter		
C6AFQ	K1TN, KR1S	K1TN	I557
EA8AGD	OH's	OH6DU	I552
W6XB/KH6	W6XB+	W6XB	I560
ZF2TN/8	K1XM et al	K1XM	I553
	Single-Operator, All-Band		
8P9HT	K4BAI	K4BAI	I552
9M6NA	JE1JKI	JE1JKI	I562
9M6OO	N2OO	N2OO	I562
9Y4H	K6NA	TBA	I564
D44BC	W6NV	CBA	I564
EA9IE	N6TR	CBA	I564
FMØA	F6BHK	REF	I563
FR5DX	N6AA	CBA	I564
GD4UOL	G4UOL	G4UOL(I555)	I555
GJ3XTT	G3XTT	G3XTT	I558
HC5Z	N6ZZ	TBA	I564
HC8U	WA6OYU	W6UE	I564
JW7SI	LA7SI	LA7SI	I562
JW9XG	LA9XG	LA9XG	I562
KHØAM	JE1CKA	JE1CKA	I562
N6TV/KH6	N6TV	N6TV	I559
P4ØGD	W2GD	N2MM	I554
V47KP	K2DOX	K2DOX	I559
VP2VCW	N6CW	N6CW	I564
ZD8Z	N6TJ	W6CF	I564
ZK1X?	N6OM	N6OM	I563
ZPØY	WN6KKN	ZP5JCY	I564
	Single-Operator, Single-Band		
C56/OH7XM	15M OH7XM	OH7XM	I563
C56/OH7XI	160M OH7XI	OH7XI	I562
JW8XM	40M LA8XM	LA8XM	I562

South Sandwich/South Georgia DXpedition Postponed

As you have most likely heard, we are going to have to "postpone" (and I do mean "postpone," not cancel) the South Sandwich Island DXpedition for this November. All of the equipment and supplies, etc. are in hand, but the shipping company has had to put a hold on their ship traffic in that area of the world, due to the problems in the Middle East. The fuel expense alone had increased by more then $30,000.00 US funds and the trip already cost more than $125,000 US. We feel that the increase has made this beyond our reach at this time! We have rescheduled the DXpedition for the 1991 season. Pleased be assured that all money that has been sent to Jerry AA6BB/7 is and will remain in the bank to be used only for this trip! All expenditures to date have come out of the team members' own pockets! I hope you will leave your donation with Jerry, but if you wish to withdraw your donation, an SASE to Jerry will bring you a full return.

I would like to take this time to thank you for all your help with this expedition. Without your help we could not pull this off! All our supporters will be receiving from Jerry the time and frequency of our daily skeds and will do everything possible to help you with any special band or mode you need

for your DXCC. Again thank you for your help and I hope you will continue to help as a team supporter on this and our future DXpeditions.

Best of 73 and DX, Tony DeParto WA4JQS

Trees = Towers?

Due to a complaint from a neighbor against KA7MCX, the Seattle Department of Construction and Land Use has ruled that tree-mounted antennas are subject to some of the same limitations as radio towers. This is for **any** antenna supported in any way by a tree, including one end of a dipole.

In order to comply with the law, a ham who strings up a dipole supported on either end by tree will have to apply for a building permit, pay a filing fee, and submit engineering drawings.

But wait. It gets worse.

Trees with antennas are now subject to the same setback limitations as **towers**! Is your tree (for example) ten feet from the closest property line? Don't bother applying for a permit if the tree is over 20 feet high!

This happened while KA7MCX was away in Europe. His neighbor got to studying the law, kept pestering the city council and various departments, and got this judgement. When KA7MCX returned from Europe, he found that he had less than 48 hours to request a hearing.

As it is today my 40-meter wire loop is against the law because the 60-foot tree that it is in is only 15 feet from my closest property line. In order to legally support the antenna, I would have to cut the tree down to within 30 feet of the ground, then submit engineering drawings, apply for a permit...you get the picture.

Stay tuned! And watch out that this doesn't happen in your community. Today, hams in Seattle are stuck with this interpretation of the existing law. Maybe we can overturn it without expen$ive litigation.

A few years ago the town of Kirkland (across the lake from Seattle) cited KA7TVC for mounting on AEA Isopole on his roof, claiming that it was an illegal radio tower. Cooperation with the city, and support from hams straightened that situation out. I hope we can solve this one as easily.

(s) Tad Cook KT7H

[Engineering specs for a tree? What next? -ed.]

Ultimate Cruise

DXers Dream --- After you have QSO'd most or all of the rare and remote islands around the world, you can now for the first time visit these places, in style, aboard the new cruise ship Caledonian Star, of Salen Lindblad Cruising, of New York City. Places where DXpeditions have been few, like uninhabited South Sandwich, Heard, and McDonald Islands. Also on the itinerary are Marion, Crozet, Kerguelen, Amsterdam, St. Paul, Gough, Tristan da Cunha, Falklands, South Georgia, Cocos, and Christmas Islands, plus port visits to Punta Arenas, Jakarta, and Capetown, one of the prettiest cities in the world.

This ship is now visiting Madagascar, Mayotte, Comoro's, Zanzibar, and, of all places Geyser Reef. I don't think they will find any signs left by Don Miller.

(s) Jules Wenglare W6YO

Where Do We Go Next?

Following a one-year stint in the United States, Martti Laine OH2BH is introducing his first work in the field of DX literature. Tentatively entitled "Where Do We Go Next?", this new publication comes in response to public demand for a presentation in book form of the author's spectacular DXploits over the past quarter-century.

Running to almost 300 pages, the book is richly illustrated with pictures from the author's personal archives and it tells you the story of what it is like to be a super-DXer, why anyone should want to become one and how a globetrotting DXer finds life in moments of triumph and everyday toil. Everything told the way only OH2BH can relate it to the amateur fraternity.

Read all about how these DX countries were born and embark on an armchair trip for an all-time first or major DXpedition to exclusive places such as Annobon Island, Western Sahara, Market Reef, Southern Sudan, Revillagigedo and M-V Island - the island that brought East and West together for their first-ever joint DX operation.

Sense the heat and excitement of being at the production end of that pileup that you once worked for a new one. Go to Jarvis Island and Conway Reef with today's prominent DXers examine the profile of "a complete DXpeditioner" as Martti depicts the people with whom he was traveling to all those rare spots.

Maybe the author is also able to pinpoint the real causes of malicious interference always experienced on the DXpedition frequencies as was the case with the 3Y5X operation, and much more. "Where Do We Go Next?" is a must on the bookshelf of every deserving DXer and anyone who would like to become one.

Prepublication price: US$22.95 plus postage. All copies of the book ordered in advance will be personally signed and dedicated by the author, Martti Laine, OH2BH/CT3BH/AH3D etc. (California residents add $1.55 sales tax. Shipping and handling: USA, add $3; Canada, add US$5; all others, add US$7. MasterCard and Visa accepted. Order from KTE Publications, 2301 Canehill Avenue, Long Beach CA 90815 USA.)

DX Club Formed in Thailand

On October 11, 1990, the Siam International DX Club as formed by a group of DX- and Contest-minded hams in HS-land. The Club would like to hear from DXers world-wide. Among topics that might be of interest are:

-Schedules for those needing Zone 26 on one or more bands.

-Assisting people who plan to visit Thailand in meeting HS hams while there, and in arranging to operate from Thailand.

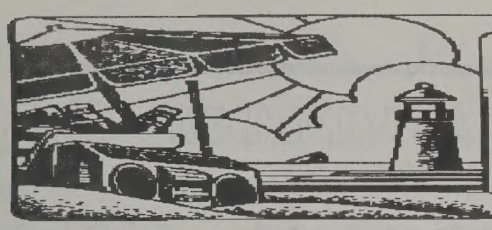
-Requesting help in obtaining missing HS QSLs.

-Making schedules for upcoming contests.

-Exchange of information with other DX clubs worldwide.

Thailand now has some 13,000 licensed amateurs, almost all of them no-code licensees operating on two-meter FM only. However, about 30 HS's have now passed the intermediate Class examination, allowing HF privileges. It is these latter hams who are interested in DX and wishing to hear from DXers worldwide in order to improve their DX operating skills.

The Siam International DX Club can be reached at: GPO Box 155, Bangkok 10501, Thailand



42nd INTERNATIONAL DX CONVENTION

VISALIA, CALIFORNIA APRIL 12, 13, 14, 1991

* * * * * * * FOR IMMEDIATE RELEASE *******

The Northern California DX Club will host the 42nd International DX Convention which will be held at the Holiday Inn Hotel, Visalia, CA on April 12, 13, and 14 1991. Technical presentations, DX, contest, packet/computer, and RTTY forums as well as reports and presentations by leading DXpeditons are already planned. The program will open Friday afternoon, April 12 at 1600 local time. Friday night Bar-B-Que and Saturday banquet will be preceded by cocktail parties, with breakfast at 0800 on Sunday. Manufacturers and dealers of amateur radio equipment will exhibit and demonstrate their newest products. Door and registration prizes galore! (Bar-B-Que optional).

* * * * * * * HOTEL ACCOMODATIONS * * * * * * *

Marco Polo
4545 Mineral King Ave.
Visalia, CA 93277
209-732-4591

El Rancho Motel
4506 W. Mineral King Ave.
Visalia, CA 93291
209-734-9271

Parkway Inn
4801 Mineral King Ave.
Visalia, CA 93277
209-627-2885

Lamp Liter Inn
3300 W. Mineral King Ave.
Visalia, CA 93291
209-732-4511
1-800-662-6692

Travelodge Motel
4645 Mineral King Ave.
Visalia, CA 93277
209-732-5611
1-800-255-3050

*Radisson Hotel
300 South Court
Visalia, CA 93291
209-636-1111
1-800-333-3333
*Opens Nov. 15 1990

Holiday Inn (Convention Headquarters)
9000 W. Airport Drive
Visalia, CA 93277
209-651-5000
1-800-348-8877

Shuttle service from Holiday Inn will be available to Lamp Liter Inn, Radisson Hotel, and possibly others.

* * * * * * * TRANSPORTATION * * * * * * *

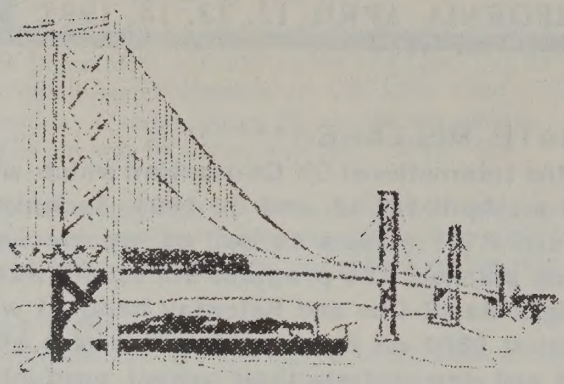
Special REDUCED air fares, foreign and domestic, are available from AMERICAN AIRLINES direct to Visalia. SEE YOUR TRAVEL AGENT FOR BEST DX CONVENTION FARES. Make your reservations early. Rail transportation is available from Los Angeles and Oakland/San Francisco via AMTRAK. SEE YOUR TRAVEL AGENT FOR SCHEDULES.

Preregistration is $45.00 US before March 15, 1991; $50.00 US at the door. Includes banquet, breakfast, and admission to all programs and exhibits.

* * * * * * * FOR FURTHER INFORMATION * * * * * * *

Contact: General Chairman
E. D. (Steve) Stephenson, W6MKM
230 W. 42nd Avenue
San Mateo, CA 94403
415-341-0757

1991 INTERNATIONAL DX CONVENTION



April 12,13,14, 1991

Holiday Inn
Visalia, California

SPONSORED BY THE NORTHERN CALIFORNIA DX CLUB

-PRIZES -CONTESTS -SEMINARS -BBQ -EXHIBITS -DXPEDITIONS
-EYEBALL QSOS -ARRL SANCTIONED -LADIES PRIZE -PRE-REG PRIZE
-BANQUET PRIZE -FORUMS

Make your check payable to "1991 International DX Convention" and mail Registration to: Louese Bloom, KA6ING
2520 Heather Lane
San Bruno, CA 94066

- -

(PLEASE PRINT OR TYPE)

Call_____ First Name_____ Last Name_____

Call_____ First Name_____ Last Name_____

Address_____

City_____ State_____ ZIP_____

Country_____ Postal Code_____

Telephone #_____(_____)_____-_____

_____PRE-REGISTRATION @ $45.00 ea.....$_____.00
_____FRIDAY NIGHT BAR-B-Q @ $20.00 ea.....$_____.00
_____INTERESTED IN SEQUOIA TRIP?.....PRICE TO BE DETERMINED

TOTAL INCLOSED.....$_____.00

Pre-Registration must be Postmarked no later than March 15, 1991.
(After March 15th, Registration will be $50.00.)

B . A . N . D . P . A . S . S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

5Z4BI	21089	1920	9	CA
8P9HR	14082	0135	25	OH
EA6ZP	14087	0037	3	FL
EA9MY	14082	2320	26	OH
FR5ZD	14095	0306	3	FL
HC8VB	14084	0333	8	PA
HH2PJ	14086	0140	24	OH
HI8EL	21088	0030	5	PA
HKØTU	14085	1345	4	PA
J39BS	14096	0333	4	PA
J73WA	21087	0101	5	PA
J88BP	14087	0405	3	CA
PJ2/ OH2BGD	21086	1831	1	OH
SV5TS	14092	1745	31	OH
TI8ZB	21085	1600	4	CA
TY1PS	21087	0250	23	OH
UY5YB	21085	1245	29	OH
VK6AJW	14089	1100	22	OH
VP8BFH	21086	0055	5	CA
YN1CB	14081	0223	25	UT
Z21FU	28086	1430	21	OH
ZK1AP	14089	0355	29	OH

160 Meters

EI8H	1833	0533	5	WA
HKØTU	1833	0657	5	WA
KH6AT	1837	0505	31	WA
KH6CC	1835	0442	5	WA
OE5JDL	1833	0048	31	NJ
ON4UN	1835	0606	5	WA
PY1RO	1833	0231	1	NJ
TG9NX	1842	0605	31	WA
V73AZ	1827	1010	5	WA
VP2VM	1806	2300	30	NJ
XE2MX	1832	0200	5	WA

80 Meters

3C1EA	3501	2159	5	NH
LZ2WO	3507	0155	2	FL
RD7ØDC	3502	0215	30	WV
RW9RYY *	3510	0040	1	NJ
UAØXAO	3503	1245	30	IA
UAØZAS	3504	1240	3	IA
UG6GAW	3503	0322	3	NJ
VK6WJ *	3506	1216	30	WV
VS6/K9EL	3504	1140	3	MT
ZS6ANL	3507	0333	30	WV

75 Meters

C31UA	3793	0400	1	NC
C6ANI	3789	2305	5	NH
EA8YG	3794	2118	6	NH
FR5DX	3793	0148	6	NH
HH2PK	3780	0217	6	NH
LY1BYK	3647	0306	3	MA
OY9JD	3799	0220	31	CT
VK6HE	3799	1221	3	NJ

40 Meters

3B8CF	7005	0200	4	FL
3C1EA	7004	0545	3	IL
3D2AG	7010	1125	5	FL
7P8EB	7001	0407	3	FL
9J2BO	7009	0437	30	TX
9M2BY *	7013	2355	4	IA
CU2AT	7026	0548	1	UT
DU3/ K4SXT	7007	1220	3	IA
DU3/KE9A	7009	1158	6	OH
EA6GP	7028	0548	3	IL
EA8AVT	7010	0235	30	MI
FRØP	7002	0150	5	IA
SV9ADH	7003	2257	31	FL
TA2AO	7007	0328	1	FL
TU4TN	7007	0033	30	NH
UJ8JI	7010	0234	2	FL
VE2TEC *	7005	1227	3	NJ
VS6/K9EL	7006	1130	3	IA
YN1CC	7008	0540	29	IA

30 Meters

3B8CF	10106	2220	31	FL
5B4OG	10105	0308	6	FL
9H4R	10102	2249	1	VA
CN2TU	10101	0001	1	VA
CT4DX	10105	0233	31	VA
EI7H	10104	0042	31	VA
KG4DD	10103	1922	31	NS
RO4OR	10109	2346	29	VA
UG7GAW	10102	0313	6	FL
VK6XA *	10107	2214	1	FL
ZS5QQ	10107	0250	2	FL

20 Meter CW

3C1EA	14015	0713	9	CA
3C1EA	14021	2220	25	MI
4KØADS	14001	1719	30	NB
4S7CF	14004	0100	31	FL
4S7EA	14009	0038	4	MI
7XØNU	14003	2030	2	OH
A41JV	14019	0018	4	NH
A41JV	14007	1657	31	NH
BV2A	14005	1304	30	WV
BV2DA	14026	1346	3	IL
BV2TA	14012	1154	1	NH
CEØZIG	14021	0052	1	FL
EA9EU	14006	2041	3	NH
FJ5BL	14001	0300	1	GA
FRØP	14003	0250	6	GA
FRØP *	14018	1515	30	TX
FR5DD	14026	0134	8	FL
FR5FI	14005	0232	31	CO
JT1CS	14015	0305	6	NH
JWØAFA	14005	0132	6	KS
JWØGB	14030	1243	30	NB
JY9SR	14003	0452	2	UT
OD5AW	14029	0255	30	UT
OD5LX	14029	0411	31	UT
OY7ML	14035	2355	28	MI
P29AC	14014	1155	1	NH
RI8AE	14034	0335	31	CA
RJ8JDV	14014	1322	5	CO
T3ØWW	14012	0500	1	CT
TA3D	14013	0506	31	NH
TU2XP	14039	2110	1	NH
UD7ØGF	14015	0333	2	ID
UI9AAB	14045	0414	7	UT
UL7GDX	14021	1357	3	IL
UL7RER	14008	0307	31	CO
UL7VV	14010	1326	29	CO
UM8QDX	14014	0153	5	MI
UM8QDX *	14025	1320	1	WV
VK6CI	14027	1146	31	NB
VK6GU *	14006	1306	29	WV
VK8AV *	14007	1911	25	NB
VS6VW	14005	1535	6	NH
VU2TEC *	14014	1201	31	GA
VU2TH	14015	0112	29	MI
VU2TS	14004	1910	29	NH
Z21CA	14035	0442	31	NH
ZD8LII	14005	2325	27	MI

20 Meter SSB

3B8CF	14256	0238	24	CT
8R1RBF	14165	1410	4	IL
9N1MM	14179	0039	2	NH
A71CD	14195	1618	17	BC
CEØZCD	14195	0115	29	NY
CN15AMV	14190	0211	4	GA
HFØPOL	14198	0240	4	GA
JWØGB	14165	1308	1	IL
OD5SK	14226	0040	30	FL
RH8BG	14187	0328	29	MI
TF1MM	14285	2338	28	VT
UF6DZ	14160	0405	4	GA
UG6GAW	14224	0412	4	NC
UJ8JDT	14216	0158	29	NY
UM8MDX	14159	0436	29	MI
VS6/K9EL	14181	1405	3	IL
VS6DX	14181	1420	3	IL
ZD9BV	14167	0705	30	CA

17 Meter CW

4S7WP	18074	2124	6	NH
8R1J	18074	2210	3	FL
FH5EJ	18081	1847	10	FL
HR1LW	18090	2135	4	FL
TA2AO	18078	1743	10	FL
UØAG	18072	2325	2	KS
UM8QA	18081	0338	10	FL
ZB2/ WA6CDR	18070 18073	1405 1700	31 30	WV NH
ZB2X	18075	1245	30	WV

17 Meter SSB

6W1AE	18155	2057	6	NH
7Q7JA	18122	1812	2	NS
FH8CB	18143	1755	1	NS

15 Meter CW

3B8EQ	21029	2008	5	FL
4K4QQ	21021	0132	31	CA
9M8ZR	21019	2331	7	FL
9Q5UN	21009	2015	4	GA
BY4RB	21007	0047	6	GA
BY4RB	21012	1953	4	NH
BY5RA	21022	0045	7	GA
BZ4SAB	21002	0129	2	CO
C21JM	21045	0140	31	GA
CEØZZZ	21003	0322	10	FL
FK8FS	21006	0209	1	GA
JT1BR	21022	0145	4	GA
OY1CT	21015	1908	1	NH
PZ1DW	21015	2002	26	UT
RAØX/ UV3DA	21025	0105	30	ID
T33T	21003	0303	8	PA
UA8TAA	21014	0117	4	GA
UJ8JCQ	21011	0233	3	CO
VE2LJ	21007	2143	7	CA
XT2BW	21045	2149	1	NH
YN/ SMØOIG	21007	2121	1	NH
ZD8LII	21027	2118	3	OH

15 Meter SSB

9M6ET	21225	2250	6	NH
FRØP	21262	1625	3	CA
HKØAZW	21300	0243	24	CT
TJ1RP	21293	2205	30	CA

12 Meters

3B8CF	24900	1447	26	NS
6W1QJ	24943	1721	2	NS
C31LBB	24905	1540	3	VA
CEØZIG	24901	2243	23	NS
FY5YE	24894	1355	3	FL
JY9SR	24905	1450	3	VA
OY1R	24898	1447	26	NS
RD7ØDC	24898	1320	4	KS
TF3EJ	24901	1640	4	FL
ZB2X	24905	1238	30	WV

10 Meter CW

3B8FQ	28007	1730	31	OH
6W6JX	28019	2247	6	FL
A22AA	28003	1246	3	NJ
A41JV	28004	1345	29	NH
AH3C	28031	2055	3	UT
BV2A	28017	0030	31	ID
BV2TA	28013	0220	4	UT
BY4RB	28027	0055	31	FL
CEØFFD	28010	2115	4	BC
EA6BD	28005	1434	29	CT
OY1CT	28026	1335	29	UT
PZ1DY	28028	2119	1	NH
SV2AVP	28013	1759	28	ID
T33T	28023	1927	8	CA
TA2DA	28031	1338	29	VA
TP2CE	28020	1630	3	NH
UD7ØGF	28025	1308	1	NH
UG6GAW	28011	1306	5	NC
UI9ACQ	28016	1323	30	VA
V31SW	28022	1332	30	VA
YJØARW	28022	2244	7	FL
YN1CC	28011	1258	29	UT
ZC4CZ	28030	1410	1	NH
ZD8GT	28011	1717	5	FL
ZD8LII	28018	1217	1	NB

10 Meter SSB

3X1AU	28511	1125	4	NJ
4S7EF	28446	1245	4	NJ
7P8EB	28438	1940	2	MI
7X5VVK	28510	1410	31	NY
BY1PK	28532	0016	28	UT
C21NI	28455	2325	4	GA
C31RM	28500	1515	2	CA
C53GP	28450	1323	1	NY
CN15AMV	28498	1811	3	GA
CN8CT	28500	1225	4	NJ
CT3EU	28476	1600	3	CA
CU2DX	28560	1536	1	CA
DU7/N7ET	28361	2220	4	MD
EA9UA	28457	1229	31	PA
ES2WX	28389	1533	3	IL
FJ5BL	28434	1155	31	VA
FOØIGS	28533	1950	2	MI
FRØP	28477	1451	4	NH
FT5XH	28440	1215	6	NH
HBØCZS	28493	1701	3	GA
HL9SF	28507	0011	4	MD
JX7DFA	28400	1652	4	VA
JY3ZH	28454	1345	9	MN
JY5FA	28410	1338	3	IL
KG6SL	28560	0016	4	MD
PYØFF	28490	1930	2	MI
RL7ABB	28553	1230	4	NJ
T77C	28494	1753	11	BC
T77V	28422	1612	1	CA
TA5C	28495	1348	9	MN
TL8WD	28460	1541	30	NH
TR8RLA	28522	1450	3	FL
UD7ØGF	28524	1300	3	NJ
UH8EA	28487	1345	31	NY
UI8ZAA	28404	1354	4	IL
V85GA	28480	2355	26	FL
VK9NS	28506	0001	2	MD
VS6CT	28495	2330	3	NJ
XU8DX	28488	2330	26	IA
YI1BGD	28463	1343	6	NH
Z21BA	28425	173	4	MD

6 Meters

7Q7JA	50110	1329	2	NS
G4GLT	50105	1412	3	NS
HC2FG	50110	1421	4	NS
HC5K	50110	1439	24	NS
HC8GR	50119	1435	4	VA
HK3AVR	50108	1426	24	NS
PYØFF	50110	1505	28	NS
TI2HL	50100	1405	24	NS
TI2NA	50125	1526	4	NS
YV5ZZ	50115	1509	4	NS

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Calendar

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(Changes and hot info in **boldface**.)

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